Siwei **Guo**

COMPUTER SOFTWARE ENGINEERING MAJOR · NORTHEASTERN UNIVERSITY

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Skills

Programming Languages	Java · JavaScript · C/C++ · Python
Web Development	React.JS · Node.JS(Express) · Spring Boot · AWS · HTML · CSS · Bootstrap · GraphQL
Database & Tools	MongoDB/Atlas · DynamoDB · H2 · Git · Postman

Education

Northeastern University   *Seattle, WA*
M.S. IN INFORMATION SYSTEMS | COMPUTER SOFTWARE ENGINEERING   *Sept. 2019 - Present*

Shanghai University of Electric Power   *Shanghai, China*
B.S. IN ELECTRICAL ENGINEERING   *Sept. 2014 - Jun. 2018*

Experience

Boonoob - Fabulous Technology Inc.   *San Francisco, CA*
SOFTWARE ENGINEER INTERN - FULL STACK   *Oct. 2020 - Dec. 2020*
- Worked with Node.JS(Express.JS) and MongoDB to build web infrastructure, REST APIs and back-end services
- Designed and developed responsive web application front end with React.JS and open source libraries and tools
- Implemented Agile Software Development to smooth development, communication and delivery

Northeastern University   *Seattle, CA*
TEACHING ASSISTANT - COMPUTATION AND VISUALIZATION AND FOR ANALYTICS   *Jan. 2020 - May 2020*
- Helped the professor to instruct the students to do computation and visualization for data analytics with R language
- Delivered the feedback from the students to the professor to ensure the quality of the course during the pandemic

MFEducation Technology Inc.   *Shanghai, China*
SOFTWARE ENGINEER INTERN   *Mar. 2018 - Nov. 2018*
- Developed software for embedded systems, microcomputers and electronic devices with C++
- Collaborated with the development team of mobile application to deliver software for electronic products

Internet of Things Scientific Research Institute   *Fujian, China*
SOFTWARE ENGINEER INTERN   *Jul. 2017 - Sept. 2017*
- Worked on Socket Programming in Java to implement Tomcat web server for production
- Used GitHub for version control and wrote the documentation for projects for a smooth job transition

Projects

Boonoob Social Network   *San Francisco, CA*
SOFTWARE ENGINEER INTERN - FULL STACK | NODE.JS · REACT.JS · REDUX · MONGODB   *Oct. 2020 - Dec. 2020*
- Built a real-world social network with the product team to connect people and boost the gig economy
- Created a cross-platform responsive web application as a Full Stack Engineer with Node.JS, React.JS, HTML and CSS

Bookcase   *Seattle, WA*
PERSONAL | NODE.JS · REACT.JS · GRAPHQL · MONGODB ATLAS   *Aug. 2020 - Sept. 2020*
- Made a user-friendly book searching software with Node.JS and React.JS
- Queried the web server with GraphQL and stored the data in MongoDB Atlas

Remember   *Seattle, WA*
PERSONAL | JAVA · REACT.JS · SPRING BOOT · AWS · H2 · BOOTSTRAP   *May 2020 - Jun. 2020*
- A web application deployed on AWS that allows users to list their todos and set reminders
- Worked with React.JS and Bootstrap on the front end, Java, Spring Boot and H2 database on the back end

Blackboard   *Seattle, WA*
COURSE PROJECT | JAVA · SPRING BOOT · DYNAMODB · AWS   *Feb. 2020 - Apr. 2020*
- Engineered a web server hosted on AWS that makes it easier for students and school staffs to manage their courses
- Devised the data modelings and REST APIs, and implemented the web server with Java, Spring Boot and DynamoDB